IN THE ABSTRACT OF THE DISCLOSURE

Please replace the Abstract of the Disclosure currently of record with the attached new Abstract of the Disclosure.

The present invention provides a method of high efficient slag scooping-up from liquid iron and a device for implementing said method. The two wings of slag rake mounted to the front end of cantilever descend side by side until beneath the surface of the liquid iron at a certain depth. The two rakes make swing movement respectively along the surface of liquid iron. When gradually moving close to each other in the course of swing movement, they get put together and clamp the solid slag. Then, driven by the cantilever, the two slag rakes which clamp the sold slag are brought to ascend until above the surface at a certain height. Finally they leave the space over the ladle and discharge the slag. The deslagging rate can reach over 90%. It just takes less than 3 minutes for the whole process of slagging-off. Additionally, the iron carried away in the process of slagging-off could be greatly reduced. The iron loss rate can be strictly controlled within 0.1%.